

State of California  
AIR RESOURCES BOARD

## EXECUTIVE ORDER A-9-368

## Relating to Certification of New Heavy-Duty Motor Vehicle Engines

## CHRYSLER CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102 and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That the following 1997 model-year Chrysler Corporation Otto-cycle engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds:

Fuel Type: Gasoline

<u>Engine Family</u>	<u>Engine Displacement Liters (Cubic Inches)</u>	<u>Exhaust Emission Control Systems and Special Features</u>
VCR8.0D8GAJA	8.0 (488)	Sequential Multiport Fuel Injection Dual Heated Oxygen Sensor Secondary Air Injection Dual Three Way Plus Oxidation Catalytic Converter

Engine models and codes are listed on attachments.

The certification exhaust emission standards for this engine family in grams per brake horsepower-hour are:

<u>Total Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
1.9	37.1	5.0

The certification exhaust emission values for this engine family in grams per brake horsepower-hour are:

<u>Engine Family</u>	<u>Total Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
VCR8.0D8GAJA	0.1	9.5	2.3

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

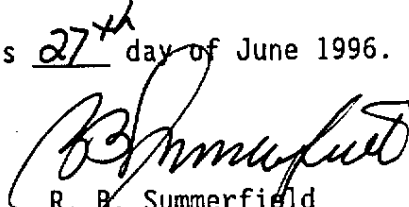
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Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachments.

Executed at El Monte, California this 27<sup>th</sup> day of June 1996.

  
R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

Manufacturer: Chrysler Corporation Engine Family: VCR8.0D8GAJA  
Displacement: 8.0 /            Liters 488 /            Cubic Inches  
All Engine Codes in Engine Family: CA            49S            50S X Valves/Cylinders: 2  
Fuel Type(s): Dedicated X Flex-Fuel            Dual-Fuel            Bi-Fuel            Gasoline X  
           CNG            LNG            LPG            M100            Other (specify)             
Maximum Rated Power: 300 HP @ 4000 RPM Engine Configuration: V-10  
Exhaust ECS (eg., MFI, TC, CAC): AIR, 2H02S, 2(TWC+OC), SFI  
(use abbreviations per SAE J1930 SEP91)

Engine Model. (Eng Code)	Rated HP @ RPM	Ignition System or (ECM/PCM) Part No.	Fuel System Injector & Pump Part No.	EGR Valve Part No.	Catalyst Converter Part No.
CA-100 FA-100	300 @ 4000	56040994 (PCM)	53041073 (Injector)  52028452 (Pump)	N/A	52018822

Date Issued: 05-24-96

Revisions: \_\_\_\_\_